

**ABSTRACT**

Generic SATPS receivers and methods for configuring generic SATPS receivers that include a plurality of outputs are provided. These configurable SATPS receivers are adapted to be utilized in at least one of a plurality of particular SATPS receiver applications, and can also include a plurality of input paths, and a means for generating selected ones of the plurality of possible outputs. Selected ones of the plurality of outputs are enabled/disabled based on at least one requirement of the particular receiver application to configure or program the generic SATPS receiver to function as a SATPS receiver used for a particular SATPS receiver application or operating environment. The selected ones of the plurality of outputs can be defined by and can be those utilized by the particular SATPS receiver application or operating environment. Thus, SATPS receivers are provided that can be used in multiple applications, that can accept multiple types of assistance data, and that have multiple types of outputs depending on the application and/or desires of the user. The SATPS receiver can be implemented in SATPS systems that include at least one satellite that provides SATPS information, a generic SATPS receiver, and a remote computer.